ILDO 48 300 412

EXECUTIVE SUMMARY

Alco Springs Industries, located at 23rd St. and Euclid in Chicago Heights, Illinois, is a spring manufacturer.

The springs are submersed in an oil quench bath to remove the metal scale. The quench oil bath sludge (metal sludge), generated when the quench oil is filtered, is regulated as a special waste (FO10).

A quench oil reclaiming system was constructed in November 1980. This system utilizes three 275 gallon oil tanks equipped with baffles to separate the metal scale from the oil.

Prior to 1980, this facility employed a landfill to dispose of their metal scale waste and possibly the quench oil. This landfill was not permitted by this Agency and lies in close proximity with Thorn Creek. Thorn Creek has a pollution problem; the problem is the contamination with heavy metals.

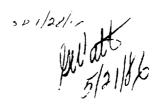
On November 19, 1980, an inspection was conducted by Larry Lai of DWPC/Maywood-FOS. The inspection disclosed that south of the landfill 100-120 drums containing scale and quench oil were stored. During another inspection on a later date, these drums were empty, potential landfilling of these wastes.

Final cover was applied to the landfill area and verified by a letter sent to Alco Springs Ind. verifying adequate cover. Even though final cover has been applied, the question of the heavy metal contamination of Thorn Creek still remains. This facility is assigned a medium priority and an inspection is required. If heavy metal contamination persists, maybe the wastes should be removed from the landfill.

KLP:jp:4/18 (4/28/86)



Not BCRA



POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT 1. IDENTIFICATION OF STATE 02 SITE NUMBER TL NEW SITE 10 4 R 300 4 / 2					
II. SITE NAME AND LOCATION					
O1 SITE NAME (Legal, common, or descriptive name of alte)	02 STREET, ROUTE NO , OR SPECIFIC LOCATION IDENTIFIER				
Alco Springs Industries	23rd St + Eaclid				
OS CITY	04 STATE 05 ZIP CODE 06 COUNTY 07 COUNTY 08 CO				
Chicago Heights	IL 60411 COOK 03/4				
09 COORDINATES LATITUDE J LONGITUDE 412830.0 0873900.0	STEGER, IL 7.5 Quad (568)				
10 DIRECTIONS TO SITE (Starting from nearest public road)					
III. RESPONSIBLE PARTIES					
01 OWNER (# Innoun)	02 STREET (Business, melling, resistantia)				
MR. Vito GRucik	IW23rd + Euclid				
O3 CITY	04 STATE 05 ZIP CODE 06 TELEPHONE NUMBER				
Chicago Heights	IL 60411 1301755-0438				
07 OPERATOR (If Jacour and different from Jumer)	OB STREET (Business, maling, residential)				
SAME					
TOP CITY	10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER				
	()				
13 TYPE OF OWNERSHIP (Check one)					
DA. PRIVATE D B. FEDERAL:	C. STATE DD.COUNTY DE. MUNICIPAL				
(Agency Ass	G. UNKNOWN				
☐ F. OTHER: (Specify)	U G. ONNOWN				
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) A. RCRA 3001 DATE RECEIVED: // MONTH DAY YEAR B. UNCON	NTROLLED WASTE SITE (CERCLA 103 4) DATE RECEIVED: MONTH DAY YEAR				
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
01 ON SITE INSPECTION DIVES DATE 12 19,81 A. EPA	B. EPA CONTRACTOR B-C. STATE D. OTHER CONTRACTOR				
©YES DATE 12 19,81 □ A. EPA □ NO □ E. LOCAL HEALT	H OFFICIAL ☐ F. OTHER: (Specify)				
	FOPERATION				
DA. ACTIVE B. INACTIVE C. UNKNOWN	UNKNOWN HOTIVE UNKNOWN				
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED	04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED				
Heavy Metals, oily was TE / Toxic, Reactive					
Heavy Metals, only was TE	Toxic, Reactive				
Heavy Metals, Oily WasTE	·				
OF DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION OR ROUND WATER (ENVIROnment)	DN i				
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATIO	DN i				
OF DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION OR ROUND WATER (ENVIROnment)	DN i				
OF DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUND water (Environment) Surface water (population / environment) V. PRIORITY ASSESSMENT OI PRIORITY FOR INSPECTION (Check one. If high of medium at checked, complete Part 2: Will	Ronmen t				
OF DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUND WATER (ENVIRONMENT) Surface water (population / envir V. PRIORITY ASSESSMENT OI PRIORITY FOR INSPECTION (Check one. If high of medium is checked, complete Part 2 - Will A. HIGH (Inspection required promptly) (Inspection required) C. LOW (Inspection required)	Ronmen t				
OS DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUND water (environment) Surface water (population /environment) V. PRIORITY ASSESSMENT O1 PRIORITY FOR INSPECTION (Check one. If high of medium is checked, complete Part 2 - William (Inspection required) (Inspection required promptly) VI. INFORMATION AVAILABLE FROM	Trade information and Part 3 - Description of Hazardous Conditions and Incidenta) O D. NONE (Ne Auther action needed, complete current disposition fema)				
OS DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUND WATER (ENVIRONMENT) Surface water (population / envir V. PRIORITY ASSESSMENT O1 PRIORITY FOR INSPECTION (Check one. If high of medium is checked, complete Part 2 - Will A. HIGH (Inspection required promptly) (Inspection required) C. LOW (Inspection required)	Trade information and Part 3 - Description of Hiszardous Conditions and Incidental D. NONE of an time evaluable basis (No Author action needed, complete current disposition fema)				
OS DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUND water (environment) Surface water (population /environment) V. PRIORITY ASSESSMENT O1 PRIORITY FOR INSPECTION (Check one. If high of medium is checked, complete Part 2 - William (Inspection required) (Inspection required promptly) VI. INFORMATION AVAILABLE FROM	Trade information and Part 3 - Description of Hazardous Conditions and Incidenta) O D. NONE (Ne Auther action needed, complete current disposition fema)				

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

	IFICATION
OI STATE	OZ SITE NUMBER . NEW SITE

	TATES, QUANTITIES, AN						
01 PHYSICAL S	FATES (Check arthur apply)	02 WASTE QUANT		03 WASTE CHARACT	ERISTICS (Check all that a	E C'IY	
A SOLID	E SLURRY		of waste quantities innependent	ATOXIC E SOLUBLE I HIGHLY VOLATILE		OLATILE	
B POWDER	R, FINES F'LIQUID	TONS			CORROSIVE F INFECTIOUS J EXPLOSIVE RADIOACTIVE G FLAMMABLE (K) REACTIVE		
C SLUDGE		CUBIC YARDS		D PERSIS			
D OTHER	(Specify)	NO OF DRUMS		M NOT APPLICABLE			PLICABLE
HI. WASTE T		l		<u> </u>			
CATEGORY	SUBSTANCE N	AME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS		
SLU	SLUDGE						
OLW	OILY WASTE			1) \	A 51 6		
SOL	SOLVENTS		Unknown	ONKNOWN	Quench o	741	
			 				
PSD	PESTICIDES						
occ	OTHER ORGANIC CH	HEMICALS			ļ		
IOC	INORGANIC CHEMIC	ALS					
ACD	ACIOS						
BAS	BASES				1		
MES	HEAVY METALS		UNKNOWN	UNKNOWN	Metal Scal	e	
IV. HAZARDI	OUS SUBSTANCES IS. A	ppendia for most frequen		1 VIII 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	710		
01 CATEGORY	02 SUBSTANCE N	•	03 CAS NUMBER	04 STORAGE DIS	POSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
							CONCENTRATION
			 	 		 	
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W 5550070	046		ــــــــــــــــــــــــــــــــــــــ	<u> </u>			<u>. </u>
V. PEEUSIO	CKS (See Appendix for CAS Numb	•rs/	· · · · · · · · · · · · · · · · · · ·				
CATEGORY	01 FEEDSTOC	K NAME	02 CAS NUMBER	CATEGORY	01 FEEDST	OCK NAME	02 CAS NUMBER
FDS			<u> </u>	FDS			
FDS				FDS			
FDS				FDS			
FDS	- - · · · · · · · · · · · · · · · · · ·			FDS			
VI. SOURCES	S OF INFORMATION (Cite	specific references le g	state files sample analysis	reports)			
	4 Division H						

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION 01 STATE 02 SITE NUMBER NEW SITE

II. HAZARDOUS CONDITIONS AND INCIDENTS		
01 A GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED		POTENTIAL ALLEGED
landfilling of metal scale	, and possibly landfilling	g óf quench oil.
OI & SURFACE WATER CONTAMINATION OB POPULATION POTENTIALLY AFFECTED DOCUMENTED heavy metal a Creek is used for Recreation	02 TO OBSERVED IDATE	
Creek is used for RECREATION	al purposes.	
01 ① C CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED	02 © OBSERVED IDATE) 04 NARRATIVE DESCRIPTION	POTENTIAL C: ALLEGED
01 D FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED	02 (1) OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	© POTENTIAL □ ALLEGED
01 DE DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED.	02 © OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL ALLEGED
01 . F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED. (Acres)	02 TOBSERVED (DATE) 04 NARRATIVE DESCRIPTION	POTENTIAL ALLEGED
01 L3 G DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 (J OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	: POTENTIAL ALLEGED
01 THE WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED:	02 (L) OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	ij potential () alleged
01 © I POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED	02 L) OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	() POTENTIAL () ALLEGED

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POTENTIAL HAZARDOUS WASTE SITE

L IDENTIFICATION

	LIMINARY ASSESSMENT OF HAZARDOUS CONDITIONS AND INCIDENTS	17/ 14	SITE NUMBER . VEW SITE
IL HAZARDOUS CONDITIONS AND INCIDENTS (Contract	ndl		
01 J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 [] OBSERVED (DATE:)	□ POTENTIAL	□ ALLEGED
01 EFK. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (Include name(s) of species)	02 D OBSERVED (DATE:)	D-POTENTIAL	□ ALLEGED
Contamination of Thorn C	Reek with heavy metals		
01 L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 () OBSERVEO (DATE:)	O POTENTIAL	□ ALLEGED
01 () M UNSTABLE CONTAINMENT OF WASTES	02 (OBSERVED (DATE:)	☐ POTENTIAL	□ ALLEGED
(Sods name standing hands tening drums) 03 POPULATION POTENTIALLY AFFECTED.	04 NARRATIVE DESCRIPTION		
01 (. N. DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 Li OBSERVED (DATE:)	D POTENTIAL	□ ALLEGED
01 C O. CONTAMINATION OF SEWERS, STORM DRAINS, 1 04 NARRATIVE DESCRIPTION	WWTPs 02 OBSERVED (DATE:)	D POTENTIAL	□ ALLEGED
01 단한 ILLEGAL/UNAUTHORIZED DUMPING	02 E-OBSERVED (DATE:)	☐ POTENTIAL	O ALLEGED
landfilling of metal Sca a permit.	le and possibly guenchois	l weste	without
06 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, O	R ALLEGED HAZARDS		
M. TOTAL POPULATION POTENTIALLY AFFECTED:			
IV. COMMENTS		· · · · · · · · · · · · · · · · · · ·	
The facility is a potentia to Thorn Creek.	I source of the heavy	metal	Contaminat
	state lites, sample analyste, reports)		
IEPA Division Files -	Land, Water		